

Briefing note Full surface bonding of design flooring MeisterDesign. pro

MeisterDesign. pro is a high-quality design flooring for full-surface bonding. Strong workmanship and product-specific knowledge are required for installation.

General information:

The subfloor must be prepared in accordance with VOB DIN 18 365. The relevant information sheets such as TKB information sheet no. 8 'Beurteilen und Vorbereiten von Untergründen für Bodenbelag- und Parkettarbeiten' (Evaluation and preparation of subfloors for flooring and parquet work) must be observed. With regard to the required level of subsurface evenness, we recommend consulting technical information sheet no. 02 from the Zentralverband für Parkett und Fußbodentechnik (Central Association for Parquet Flooring and Flooring Technology) and the BEB (Federal Association of Screed and Floor Covering).

MEISTERWERKE recommends a low-emission and solvent-free adhesive (RAL - Blue Angel or EC1) used with a system-specific subfloor preparation.

In order to achieve optimal coverage of the back and secure adherence, it is vital to follow the instructions provided by the adhesive manufacturer regarding processing requirements, notched adhesive comb, application amounts and working times. Special approval from the adhesive manufacturer is required when using contact adhesive or reaction resin adhesive.

After laying the covering in the adhesive bed, every plank must be pressed down with a scraping cork / handle scraper, and rolled with a heavy roller (min. 50 kg).

If you require more information, please contact the corresponding adhesive manufacturer.

Information on adhesives:

The recommendations for adhesives are based on extensive tests conducted by the manufacturers. Due to the variability of on-site conditions, it is not possible to establish warranty claims based on the information provided. We cannot assume liability for any losses incurred in using the adhesive system. For that reason, we recommend that you test the adhesive yourself thoroughly before installing flooring or contact the adhesive manufacturer's technical customer service.

According to DIN 18365 and 18356, the subfloor for laying flooring must always be smooth, dry, clean, free

of cracks and release agents, and able to withstand lifting and pressing force.

CM moisture content with screed: Cement screed:

2.0 CM% (with underfloor heating: 1.8 CM%)

Anhydrite screed: 0.5 CM% (with underfloor heating: 0.3 CM%)

The limit values when carrying out the CRH method are 80 per cent relative humidity for unheated screeds and 75 per cent relative humidity for heated screeds (TKB briefing sheet 18; DIN EN 17668).

The moisture content limits also apply to fast-hardening cement and screed with screed additives – TKB briefing sheet 14.

The contractor responsible for laying the flooring/parquet must ensure that subfloor material is inspected for technical suitability. This inspection must take place in accordance with the recognised rules of technology and in compliance with the German Construction Contract Procedures (Vergabe- und Vertragsordnung für Bauleistungen – VOB). If the subfloor reveals deficiencies or there is a risk of damage occurring to the construction of the flooring, the contractor must report these 'concerns' in writing, particularly in the following cases:

- Serious unevenness
- Cracks in the subfloor
- Insufficiently dry subfloor
- Insufficiently firm subfloor
- Contaminated subfloors, e.g. oil, wax, lacquer, paint residues
- Subfloor not being level with adjoining structures
- Unsuitable subfloor temperature
- Unsuitable room climate
- No documentation on heating characteristics for heated flooring constructions
- Required secure locking of expansion joints in the subfloor
- No edging strip projection
- No marking of measurement points for heated flooring constructions
- No joint layout (if necessary)

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Manufacturer	Adhesive
 AUS GUTEM GRUND	ARDEX AF 155
	Bona Quantum LVT
 smart adhesives	STIX A 550 POWER ELASTIC / STIX A 540 MULTI PLUS
 schlau verlegen	collfox D 33
	643 Eurostar Fibre / 644 Eurostar Multi Plus
 klebt am Bau®	Okatmos Star 120
	Ultrabond Eco V4SP / Ultrabond Eco V4 Evolution
 www.murexin.com	DESIGN COVERING ADHESIVE D 495
 Mit System verlegen	PKL 326 / UKL 302
 BUILDING TRUST	SikaBond-125 Design Floor / SikaBond-130 Design Floor
	Durocoll
 seit 1828	STAUF D50 / STAUF D20
 UZU UND DER BOGEN GEHÖRT ZUSAMMEN	KE 2000 S
 Anspruch verbindet	WAKOL D 3320
 Freunde des Handwerks. Seit 1890.	WULFF Power-Tack 100 / WULFF Power-Tack 300 / WULFF Uni-Tack

Before laying the flooring, you must check whether the adhesive is suitable for the intended area of use and the type of load. If you have any questions or want alternative solutions relating to adhesives, please contact the application technology department of the relevant adhesive manufacturer.

